



# UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
-----------------	-------------	----------------------	---------------------	------------------

10/596,812

07/19/2007

Akihiro Bungo

20154/0205051-US0

1756

7278

7590

01/29/2009

DARBY & DARBY P.C.

P.O. BOX 770

Church Street Station

New York, NY 10008-0770

EXAMINER

DINH, TRINH VO

ART UNIT

PAPER NUMBER

2821

MAIL DATE

DELIVERY MODE

01/29/2009

PAPER

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.



***Election/Restrictions***

1. This application contains claims directed to more than one species of the generic invention. These species are deemed to lack unity of invention because they are not so linked as to form a single general inventive concept under PCT Rule 13.1.

The species are as follows:

- I. Species 1 draws to first embodiment as depicted in Figures 1-4, specification pages 23 to page 28 line 17.
- II. Species 2 draws to second embodiment as depicted in Figure 5, specification page 28 line 18 to page 30 line 5.
- III. Species 3 draws to third embodiment as depicted in Figure 6, specification pages 30 line 6 to page 31 line 4.
- IV. Species 4 draws to fourth embodiment as depicted in Figure 7, specification pages 31 line 5 to page 33 line 17.
- V. Species 5 draws to fifth embodiment as depicted in Figure 9, specification pages 33 line 18 to page 34 line 9.
- VI. Species 6 draws to sixth embodiment as depicted in Figures 10-12, specification pages 34 line 9 to page 37 line 7.
- VII. Species 7 draws to seventh embodiment as depicted in Figures 14-16, specification pages 37 line 8 to page 40 line 23.
- VIII. Species 8 draws to eighth embodiment as depicted in Figures 17-19, specification pages 40 line 34 to page 43 line 1.

Art Unit: 2821

- IX. Species 9 draws to ninth embodiment as depicted in Figures 20-23, specification pages 43 line 2 to page 48 line 14.
  - X. Species 10 draws to tenth embodiment as depicted in Figures 26-27, specification pages 50 line 12 to page 52 line 4.
  - XI. Species 11 draws to eleventh embodiment as depicted in Figures 28-31, specification pages 52 line 5 to page 55 line 6.
  - VII. Species 12 draws to twelfth embodiment as depicted in Figures 32-36, specification pages 55 line 7 to page 62 line 4.
2. The claims are deemed to correspond to the species listed above in the following manner:
- Due to the complexity of claims, applicant's assistance is required in providing a list of claims to which each species is directed. Then applicant is required to select claims directed to a single species.
3. Applicant is required, in reply to this action, to elect a single species to which the claims shall be restricted if no generic claim is finally held to be allowable. The reply must also identify the claims readable on the elected species, including any claims subsequently added. An argument that a claim is allowable or that all claims are generic is considered non-responsive unless accompanied by an election.

Upon the allowance of a generic claim, applicant will be entitled to consideration of claims to additional species which are written in dependent form or otherwise include all the limitations of an allowed generic claim as provided by 37 CFR 1.141. If claims are added after the election, applicant must indicate which are readable upon the elected species. MPEP § 809.02(a).

Art Unit: 2821

***Inquiry***

4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Trinh Vo Dinh whose telephone number is (571) 272-1821. The examiner can normally be reached on Monday to Friday from 9:30AM to 6:00PM. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Douglas Owens, can be reached on (571) 272-1662. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

*Art unit 2821*

*January 21, 2009*

*/Trinh Vo Dinh/*

*Primary Examiner, Art Unit 2821*